

WHAT IS CLAIMED IS:

- 1 1. A controllable power supply comprising:
 - 2 a mounting having at least one distinguishable surface;
 - 3 first and second control signal sockets located on said distinguishable surface for passing through
 - 4 signals received in said first control signal socket out of said second control signal socket;
 - 5 a controlled power output socket located on one of said distinguishable surfaces;
 - 6 control circuitry operatively connected with said control signal socket, and said controlled power
 - 7 supply socket wherein power to said controlled power supply socket may be turned on or off in
 - 8 response to a signal received at said control signal socket; and
 - 9 a power input socket for receiving a detachable power line for connecting to an external power
 - 10 source.
- 1 2. The device according to claim 1, further comprising:
 - 2 an indicator light operatively connected to said control circuitry for indicating whether power to
 - 3 said power supply socket is turned on or off.
- 1 3. The device according to claim 1, wherein said control circuitry comprises a control relay.
- 1 4. The device according to claim 1 further comprising a housing comprising six surfaces.
- 1 5. The device according to claim 4 wherein said housing comprises a top surface, a bottom
 - 2 surface, a front surface, a rear surface, a left surface, and a right surface.
- 1 6. The device according to claim 5, wherein ^{wh: ch?} said control socket is located on said front surface
 - 2 and said power supply socket is located on said rear surface.
- 1 7. The device according to claim 5, wherein ^{wh: ch?} said control socket and said power line socket are
 - 2 located on said rear surface.
- 1 8. The device according to claim 5 wherein said top surface and said bottom surface are parallel
 - 2 planes between 1.5 and 2.0 inches apart.
- 1 9. The device according to claim 6, wherein said power supply is mountable ^{in?} in a computer
 - 2 device rack and occupies only one rack unit.
- 1 10. The device according to claim 1 further comprising:
 - 2 at least two pairs of control sockets, each pair associated with one or more independently
 - 3 controlled power supply sockets.

1 11. The device according to claim 1 further comprising:
2 at least four pairs of control sockets, each pair associated with one or more independently
3 controlled power supply sockets.

1 12. The device according to claim 1 further comprising:
2 at least eight pairs of control sockets, each pair associated with one or more independently
3 controlled power supply sockets.

Sub B3 13. A method for providing a power-cycle reboot in a rack-mounted computing device comprising:

4 deploying a single rack unity power supply wherein sockets and control circuitry may be
5 contained within a housing having a constrained height:

6 placing a pair of control signal sockets on a surface of said housing;

7 placing a controlled power supply outlet on a surface of said housing; and

8 placing control circuitry within said housing, said control circuitry operatively connected with said
9 pair of control signal sockets and said power supply socket wherein power to said power
10 supply socket may be turned on or off in response to a signal passed through said pair of
control signal sockets.

1 14. A method according to claim 13 further comprising:
2 providing an input supply socket for accepting a detachable power line for connection to an
3 external power source.

1 15. A method according to claim 13 further comprising:
2 providing an input supply socket for accepting a detachable power line.

Sub B3 16. A method according to claim 13 further comprising:
1 placing said control sockets on a first surface of said housing;
3 and placing said output sockets on a second surface of said housing.

1 17. A method according to claim 13 further comprising:
2 placing said control sockets and said output sockets on a surface of said housing arranged to align
3 with a computing device for which a power cycle reboot is being provided.

1 18. A method according to claim 13 further comprising:
2 providing an indicator for each pair of control signal sockets or for each controlled output
3 indicating whether power is supplied to an output.

1 19. A controllable power supply comprising:
2 a housing of six surfaces occupying one rack unit;
3 at least one pair of RJ-45 network connector jacks for routing a network connection through said
4 power supply and reading a control signal therefrom;
5 a relay responsive to said control signal operationally connected between an external power source
6 connection and a controlled power output such that when a correct signal is routed through said
7 pair of RJ-45 jacks, power is selectively supplied to said output.

1 20. The device according to claim 19 wherein a control signal is input on 7 of one of said RJ-45
2 jacks.